

## MDT KNX RF+ Push Button Plus 2/4/6/8-fach, flush mounted

Version		
RF-TA55A2.01	KNX RF+ Push Button 2-fold	Flush mounted with Actuator, white matt finish, status and orientation LED
RF-TA55A4.01	KNX RF+ Push Button 4-fold	Flush mounted with Actuator, white matt finish, status and orientation LED
RF-TA55A6.01	KNX RF+ Push Button 6-fold	Flush mounted with Actuator, white matt finish, status and orientation LED
RF-TA55A8.01	KNX RF+ Push Button 8-fold	Flush mounted with Actuator, white matt finish, status and orientation LED

The MDT KNX RF+ Push Button releases KNX telegrams after pushing the buttons on top, 1 or 2 Button operation can be parameterized. The device provides extensive functions like switching of lighting, operation of blinds and shutters, contact type and block communication objects for each channel. The MDT KNX RF+ Push Button has 2 integrated logical modules. The sending of an second object is possible by the logical modules.

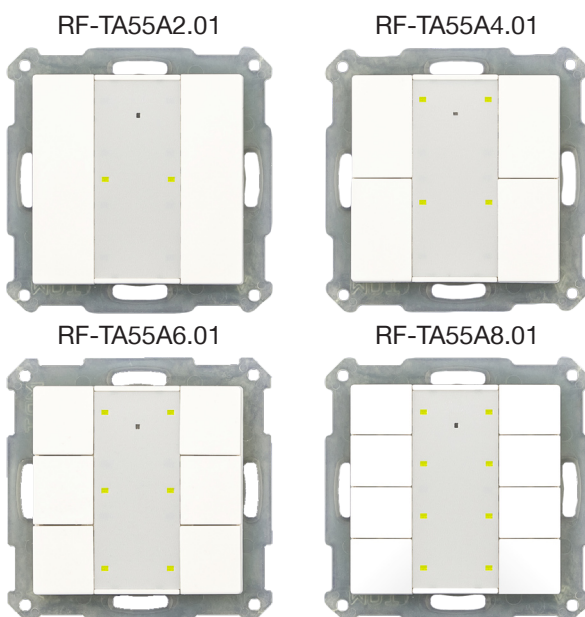
**The MDT KNX RF+ Push Button is operating in bidirectional KNX RF+ system mode and is perfectly suited to replace conventional push buttons in existing installations without placing KNX bus cables. The connections to the KNX bus is realized via the MDT KNX RF+ Line Coupler. The integrated actuator can be set as 2-fold switching actuator or 1-fold shutter actuator.**

The centered title block allows individually marking of the MDT KNX RF+ Push Button. You can use transparent or the lightgray film if no is marking is required. You find the marking draft in our download area.

The MDT KNX RF+ Push Button has an orientation light LED and a bicolored (Red/Green) LED for the sensor area. These LED can be set from internal or external objects. The LED can display 3 situations like: LED off 0 „absent“, LED green „present“, LED red „window open“.

The MDT KNX RF+ Push Button is a flush mounted device for fixed installations in dry rooms, it is delivered with support ring.

For project design and commissioning of the MDT KNX RF+ Push Button it is recommended to use the ETS. Please download the application software at [www.mdt.de/Downloads.html](http://www.mdt.de/Downloads.html)

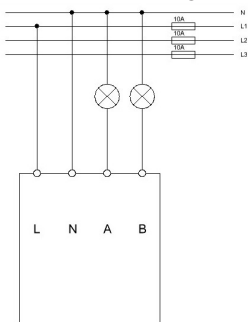


- Production in Germany, certified according to ISO 9001
- **New KNX RF+ protocol in system mode**
- Commissioning with ETS5
- Fits 55mm systems/ranges:
  - GIRA Standard 55, E2, Event, Esprit
  - BERKER S1, B3, B7
  - JUNG A500, Aplus, Acreation, AS500
  - MERTEN 1M, M-Smart, M-Plan, M-Pure
- Push Buttons can be programmed for 1 or 2 button operation
- NO or NC contact operation, operational time of push button adjustable
- Forced setting function for each output
- Operation with short/long button push and 2 objects
- Operation of blinds and shutters, 1 and 2 button operation
- Connection via MDT KNX RF+ line coupler
- Centered tiexting area for individual description
- To replace conventional push buttons
- To upgrade your installation without installing KNX bus cables
- Power supply 230VAC
- Installation with support ring (included in delivery)
- 3 years warranty

Technical Data	RF-TA55A2.01 RF-TA55A6.01	RF-TA55A4.01 RF-TA55A8.01	
Number of sensor areas	2/4/6/8		
Number of bicolored LED	2/4/6/8		
Orientation LED	1		
Transmitter frequency	868,3MHz (For operating inside the EU)		
Range	150m		
Output level	10dBm		
Sensitivity	>-105dBm		
Compatibility	KNX RF S-Mode (with ETS5 support)		
Number of outputs	2		
Output switching ratings			
Ohmic load	10A		
Capacitive load	14uF		
Voltage	230VAC		
Maximum inrush current	80A/150µs 40A/600µs		
Maximum load			
Incandescent lamps	1900W		
Halogen lamps 230V	800W		
Halogen lamps, electronic transformer	500W		
Fluorescent lamps, not compensated	500W		
Fluorescent lamps, parallel comp.	90W		
Max. number of electronic transformers	2		
Output life expectancy	1.000.000		
Available application software	ETS 5		
Permitted wire gauge			
Connection terminal	1,5mm <sup>2</sup>		
Power supply	230VAC/50Hz		
Power consumption mains 230VAC typ.	< 0,3W*		
Operation temperature range	0 to + 45°C		
Enclosure	IP 20		
Dimensions (W x H)	55mm x 55mm		

\* Depends on the switching position of the output relays.

### Exemplary circuit diagram RF-TA55Ax.01



### Compatible to 55mm programs Manufacturer Series

Berker	B.7 Glas polarweiß, B.3 Alu polarweiß, S.1 polarweiß, B.1 polarweiß matt, B.7 Glas Alu, S.1 polarweiß matt
Gira	Standard 55 reinweiß seidenmatt, E2 reinweiß seidenmatt, Esprit Glas mint, Esprit Glas weiß, Event Alu, Gira Event reinweiß matt
Merten	M-Smart polarweiß brillant, M-Plan polarweiß edelmatt, M-Arc polarweiß edelmatt, Atelier-M polarweiß, M-Plan Echtglas brillantweiß, M-Smart polarweiß
Jung	AS500 alpinweiß, A500 alpinweiß, A500 alpinweiß Aplus Alu, A500 Alu

### EU Declaration of Conformity Push Button RF+



Hereby, MDT technologies GmbH declares that the radio equipment type radio RF-TA55xx.01 is in compliance with directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.mdt.de/download/MDT\\_CE\\_RFTA55.pdf](http://www.mdt.de/download/MDT_CE_RFTA55.pdf)